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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number

10/697,543

Filing Date

October 30, 2003

First Named Inventor

Cai et al.

Art Unit

Examiner Name

Attorney Docket Number

21454 US

**ENCLOSURES (Check all that apply)**

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to Group                            |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input type="checkbox"/> Amendment/Reply                                     | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):            |
| <input type="checkbox"/> Express Abandonment Request                         | <input type="checkbox"/> Terminal Disclaimer                              |  |
| <input checked="" type="checkbox"/> Information Disclosure Statement         | <input type="checkbox"/> Request for Refund                               |  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <input type="checkbox"/> CD, Number of CD(s) _____                        |  |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |  |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |  |

Remarks

-References A1-A3, B1-B11 and C1-C4.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Patricia S. Rocha-Tramaloni
Signature	
Date	January 28, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on this date January 28 2004

Typed or printed Patricia S. Rocha-Tramaloni

Signature

Date January 28, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application

Inventors: Cai, et al.

Serial No. 10/697,543, filed October 30, 2003  
(Ref. No. 21454 US)

For: **AMINO-SUBSTITUTED DIHYDROPYRIMIDO[4,5-D]PYRIMIDINONE  
DERIVATIVES**

**INFORMATION DISCLOSURE STATEMENT**

Nutley, New Jersey 07110  
January 28, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants respectfully direct the Examiner's attention to the documents listed on enclosed Form PTO-1449.

Documents A1-A3, B1-B11, and C1-C4 listed on Form PTO-1449 are enclosed. Document A4 is not being submitted because it is a US patent.

Document B4, which is not written in the English language, corresponds to Document A1. Documents B6 and B7, which are not written in the English language correspond to Documents A2 and A3, respectively.

Serial No. 10/697,543  
Filed: October 30, 2003

Enclosed is a Search Report, dated April 4, 2003, which was issued by the European Patent Office in the European application corresponding to the captioned application. The Search Report lists Documents A4, and B1-B8.

The Examiner's attention is also directed to co-pending application US Serial No. 10/689,235 (CD 21269 US1) filed in the US on October 20, 2003, a copy of which is enclosed.

Consideration of all the documents cited on Form PTO-1449 is requested.

Since the Information Disclosure Statement is submitted before the mailing of the first Office Action on the merits or within three months of the filing date for the above application, no fee is due.

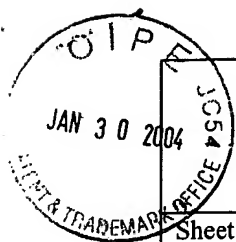
Respectfully submitted,



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Attachments

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Substitute for form 1449A/PTO					Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Application Number	10/697,543	
(Use several sheets if necessary)					Filing Date	October 30, 2003	
					First Name Inventor	Cai, et al.	
Sheet	1	of	1	Attorney Docket Number 21454 US			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY		
		Number	Kind Code <sup>2</sup> (if known)				
	A1	4,503,049		Biere, et al.	03/5/1985		
	A2	4,473,560		Biere, et al.	09/25/1984		
	A3	4,784,993		Bosies	11/15/1988		
	A4	5,866,556		Heikkila-Hoikka	02/02/1999		
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>8</sup>
		Office 3	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
	B1	WO	99/61444		Warner Lambert Co.	12/02/1999	
	B2	WO	01/44258		Ariad Pharmaceuticals Inc.	06/21/2001	
	B3	EP	0 186 405		The Procter & Gamble Co.	07/02/1986	
	B4	EP	0 084 822		Schering Aktiengesellschaft	08/03/1983	
	B5	EP	0 304 962		The Procter & Gamble Co.	03/01/1989	
	B6	EP	0 085 321		Schering Aktiengesellschaft	08/10/1983	
	B7	EP	0 170 228		Boehringer Mannheim GmbH	02/05/1986	
	B8	WO	94/09017		The Upjohn Co.	04/28/1994	
	B9	WO	00/24744		F.Hoffmann-La Roche AG	05/04/2000	
	B10	WO	01/29041		F.Hoffmann-La Roche AG	04/26/2001	
	B11	WO	01/29042		F.Hoffmann-La Roche AG	04/26/2001	
<b>NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials <sup>7</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T <sup>8</sup>
	C1	Kinko, K. et al., Can. J. Chem. Vol. 51 (1973) pgs. 333-337					
	C2	Merrifield, B. et al., Fed. Proc. Fed. Amer. Soc. Exp. Biol. Vol. 21 (1962) p. 412					
	C3	Okuda, T. et al., J. Org. Chem. Vol. 24 (1959) pgs. 14-16					
	C4	Ansel, H. et al., Pharm. Dosage Forms & Drug Delivery Systems (6 <sup>th</sup> Ed.) 1995 p. 196					
Examiner Signature		Date Considered					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation or abstract is attached.

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